

	Gen	eral Experimenters	Updated his second	amtime Request posal : GUP-2191	Question 9	ns Review Pane	Review	
*Proposal Title:			199-1					
	Shifts Recommende	d by PRP: not available		Allocated by BAC uled by Beamline in current cycle	(0)	Shifts Used to date: (0)	Shifts Remaining:	not available
	Do you want this pro	oposal to be considered	for project status	s? description	Yes	No ⊚		
	1922	equire mail-in service?	1980 1108		No 💿			
		involve macromolecular ted be considered propri		(single crystals) ?		No 🕙		
		ted be considered propri	CONTRACTOR OF STREET		No ⊕ No ⊕			
	Does this research i	nvolve human subjects	or materials ?		⊙ No ⊙			
	Does this research i	nvolve live animals ?			Yes	○ No ⊙		
		fety hazards associated			Yes	o No ⊙		
		ired for a student's thes	ana di	Yes	No ⊙			
	*Is this proposal rela	ated to another general und how?	iser proposal?	Yes	⊙ No ⊙			
	(500 characters or le							
						F)		
*Subject of Research:	Materials science	VERSON AND THE PARTY OF		Chemistry	5) <u>5</u> 7			
	☐ Polymers	■ Medical applications	228	☐ Biological and li				
	<ul> <li>■ Earth sciences</li> <li>■ Engineering</li> </ul>	<ul> <li>☐ Environmental science</li> <li>☐ Instrumentation relate</li> </ul>		<ul> <li>□ Optics (excluding</li> <li>□ Purchase of specific</li> </ul>				
	Other (specify)	Specify Other :	a to user racinges	Turonase or spe	olally serv	or materials		
			Gene	rate Report Copy P	roposal			(
Pre	ssing SAVE will al	llow you to save this	proposal and	continue to ma	ke chan	ges. Notification	s will not be sent.	(3



					Proposal : GUP-219	10			
					Toposai . GOF-219	19			
Spokesperson:	Find								
First Name :			Last	Name					
*Phone:			*Ema				*Badge		
			Lilla			-	Dauge	-0	
Institution:									
Mailing Address:									
23 02 55				· ·					
Experimenters Coming to APS:		Badge	First Name	Last Name	Affliation	F	Phone E	mail	Delete
	Find								
	Find								
	Find								
	Find								
2									
Experimenters Not Coming to APS:		Badge	First Name	Last Name	e Affliation		Phone E	mail	Delete
	Find								
	Find								
	Find								
	Find								
					-1				
Back					Gene	rate Report			



Instructions Main Menu Search Criteria Logout Beamtime Request Experimenters Abstract Questions Review Panel Review General Proposal: GUP-21919 You may attach supporting PDF documents to this proposal. Click here to attach/detach files List of Attachments Abstract of Proposed Research NOTES: You MUST have an abstract below. Attaching only a PDF is not enough. Abstract MUST be less than 4000 characters including spaces. The abstract and proposal title may become public information. Don't enter any carriage return. Characters Remaining: Back Generate Report Next Pressing SAVE will allow you to save this proposal and continue to make changes. Notifications will not be sent. Save Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter. Submit GUP #:21919

Main Menu Search Criteria Instructions Logout Beamtime Request Questions General Experimenters Abstract Review Panel Review

		Proposal: GUP-21919		
Rapid Access Description	Make New Request	Total 8-hour shifts requested for the LIFE OF THE PROPOSAL		
		Total 8-hour shifts recommended by the Proposal Review Panel for the LIFE OF THE PROPOSAL :	not available	
		Total shifts used and allocated (or scheduled)to date:	0	
		Number of the shifts remaining	not available	
		*For which scheduling period are you applying?		Status :
		Techniques Required:		*
		*Choice Of Beamline:	Beamline Selection  Beamline Selection  Beamline Selection	1st 2nd 3rd
		*Please select the instrument based on your beamline selection:	For 1st beamli For 2nd beaml For 3rd beamli	ine
		Any appropriate beamline	☑	
		*Number of 8-hour shifts requested for THIS scheduling period		
		Minimum number of usable shifts per visit:		
		Do you have specific scheduling requirements ?		
		What equipment is required ? What equipment will you bring ?		
		Please list any new publications resulting from your work at the APS.		
		Describe the progress made during your most recent beamtime. (2000 characters including spaces)		
		Prefered Dates (MM/DD/YYYY)	From	То
				to
				to
		Unaccentable Dates	From	То
		(MM/DD/YYYY)	Tion	to
				to
				to
Back	ļ	Generate Report	NACCO TO THE PARTY OF THE PARTY	Nex

Back

Generate Report

Save Submit

Main Menu Search Criteria

Instructions	Logout

General Experimenter	s Abstract Beamtime Re	quest Questions Review Panel Re	view
Conordi Experimenter	Control of the Contro		
	Proposal : GU	F-21313	
Please specify the funding source(s) for your prop	acced receasely		
	Office of Basic Energy Sciences	■ DOE, Office of Biological and Environmen	tal Research
I Samuella Minne	gn (specify)	HHIH	tal Nesearch
☐ Howard Hughes Medical Institute (HHMI) ☐ Indus		NASA	
⊟NIH		Other U.S. Government	
USDA	r (specify)	Specify Other:	
	(9) (8)		
What is the scientific or technical purpose and imp	ortance of the proposed resea	rch? (limit : 500 words)	
			7
\(\frac{1}{2}\)			Let
Why do you need the APS for this research? (limit	: 100 words)		
			7
			i de la companya de l
Why do you need the beamline you have chosen?	(limit : 100 words)		
			7
<u></u>			
Describe the participants' previous experience with	synchrotron radiation and the	experimental	
results obtained. (If you refer to previous publication	ons, be sure to include comple	te citations.) (limit : 100 words)	_
Describe the proposed experiment(s), including sa and explain the basis for your estimate of the amount		: 500 words)	
			7
Provide an overall estimate of the amount of beam	time you will need to accompli	sh the goals of	
your proposed experimental program. How many v	isits during the two-year propo		
How many shifts will you need during each visit (a (limit : 500 words)	oproximately)?		
			T I
1			
References (limit : 1000 characters)			
Back		Generate Report	Next
Pressing SAVE will allow you to save to	his proposal and continue	to make changes. Notifications will	not be sent. Save

Submit

Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter.



Main Menu	Search Criteria	Instructions	Logout							
			General	Experimenters	Abstract	Beamtime Request	Questions	Review Panel	Review	
					1	Proposal : GUP-2191	19			
				Please select	the panel th	at you think is best suite	ed to review y	our proposal.		
				You may clic	k <u>here</u> to see	panel descriptions.				
				○ Ima	ging/Microbe	am				
				○ Sca	ttering - Appl	lied Materials				
				○ Sca	ttering - Con	densed Matter				
				⊖ Sca	ttering - Cher	m/Biol/Environ				
				⊖ Sm	all Angle Sca	ttering (SAXS)				
				○ Spe	ctroscopy					
				O Inst	rumentation					
				O TES	T PANEL					
				⊖ Hig	h Pressure					
	Back					Gener	ate Report			
	Pres	sing SAVE v	will allow y	you to save th	s proposal	and continue to ma	ike changes	. Notifications	will not be sent.	Save
	Pressing	SUBMIT w	ill save th	is proposal Al	ND notificat	tions will be sent to	the APS. No	o changes can l	be made thereafter.	Submit
						GUP # :21919				

ANL



### General User Program - Non-MC Panel Review Sheet

Proposal #:	GUP-21919
Proposal Title :	screen shot
Panel:	
Primary Reviewer :	Not Assigned
Overall Rating : Required	(You may use a decimal in your rating)
Adjusted Rating :	
Rating Scale	1=Extraordinary, 2=Excellent, 3=Good, 4=Fair, 5=Poor
Maximum # of recommended shifts for a cycle:	
Recommended total shifts for the proposal:	
Total Used Beamtime Shifts:	0
Comments to BAC (problems or special issues; including spaces etc.):	not sent to spokesperson;limit : 4000 characters,
Comments to the User Office (limit : 4000 chara	cters, including spaces etc.):



Main Menu Search Criteria Instructions Logout Beamtime Request General Samples Experimenters Abstract Questions Review Proposal: GUP-21919 \*Proposal Title: Shifts Recommended by PRP: Shifts Allocated by BAC Shifts Used Shifts Remaining: N/A N/A or Scheduled by Beamline (0) to date: in current cycle Do you want this proposal to be considered for project status? description Yes ( No 📵 Does this proposal require mail-in service? Yes O No 💿 \*Does this research involve macromolecular crystallography (single crystals)? Yes 

No \*Will the data collected be considered proprietary? Yes O No 🕙 \*Will the data collected be considered classified ? Yes ( No ( Does this research involve human subjects or materials? Yes O No 🕙 Does this research involve live animals? Yes O No 🕙 \*Are there known safety hazards associated with the Yes O No O proposed experimental procedures or your samples? Is this research required for a student's thesis? Yes ( No ( \*Is this proposal related to another general user proposal? Yes O No O If so, which one(s) and how? (500 characters or less) \*Subject of Physics Chemistry Research: Biological and life sciences ☐ Polymers Medical applications Earth sciences Environmental sciences Optics (excluding x-ray optics) Purchase of specialty service or materials Engineering Instrumentation related to user facilities Specify Other: Other (specify) Generate Report Copy Proposal Next Pressing SAVE will allow you to save this proposal and continue to make changes. Notifications will not be sent. Save Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter. Submit GUP #:21919



				D	oposal : GUP-21919			
				100	oposai . GOF-21919	51		
Spokesperson:	Find							
First Name :			Last N	lame				
*Phone:			*Email			*Badg	je	
Institution:								
Mailing Address:								
Experimenters		Padge	First Name	Last Name	Affliation	Phone	Email	Delet
Coming to APS:	Find	Badge	riist Name	Last Name	Amation	rnone	Eman	Delet
	Find							
	Find						_	
	Find							
Experimenters Not Coming to APS:		Badge	First Name	Last Name	Affliation	Phone	Email	Delet
	Find							
	Find							
	Find							
	Find							
Back					Generate	Report )		



Instructions Logout Main Menu Search Criteria Beamtime Request Abstract Experimenters Questions Review General Samples Proposal: GUP-21919 You may attach supporting PDF documents to this proposal. Click here to attach/detach files List of Attachments Abstract of Proposed Research NOTES: You MUST have an abstract below. Attaching only a PDF is not enough. Abstract MUST be less than 4000 characters including spaces. The abstract and proposal title may become public information. Don't enter any carriage return. Characters Remaining: Back Generate Report Next Pressing SAVE will allow you to save this proposal and continue to make changes. Notifications will not be sent. Save Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter. Submit GUP #:21919

ANL



Genera	Experimenters Abstract Beamtime Request Questions Samp	les Review			
	Proposal : GUP-21919				
Rapid Access Description Make New Requ	Total 8-hour shifts requested for the LIFE OF THE PROPOSAL  Total shifts used and allocated (or scheduled)to date:	0			
	Number of the shifts remaining	N/A			
	*For which scheduling period are you applying?		Status :		
	Techniques Required:		* *		
	*Choice Of Beamline:	Beamline Selection  Beamline Selection  Beamline Selection	1st 2nd 3rd		
	Any appropriate beamline	☑			
	*Number of 8-hour shifts requested for THIS scheduling period				
	Do you have specific scheduling requirements ?				
	What equipment is required ? What equipment will you bring ?				
	Please list any new publications resulting from your work at the APS.				
	Describe the progress made during your most recent beamtime. (2000 characters including spaces)				
	Prefered Dates (MM/DD/YYYY)	From	to		
			to		
	Unacceptable Dates (MM/DD/YYYY)	From	to		
			to		
			to		
Back	Generate Report	10.	(No		

Pressing SAVE will allow you to save this proposal and continue to make changes. Notifications will not be sent.

Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter.

Save

Argonne

Main Menu Search Criteria

Instructions Logout

	General	Experimenters	Abstract	Beamtime Request	Questions	Samples	Review		
			Pi	roposal : GUP-21919	9	1			
Which of these categories	fit your pro	posal? Check all th	nat apply (Ti	his information will be u	sed for review	ver selection)			
☐ Viruses									
Membranes									
Large Assemblies									
Complexes									
☐ Nucleic Acids									
☐ Structural Genomes ☐ High Resolution									
☐ Time Resolved									
⊟ Education									
☐ Instrumentation									
General									
What is the scientific or te	chnical purp	oose and importan	ce of the pro	oposed research? (limit	: 500 words)				
Why do you need the APS	for this res	earch? (limit : 100	words)				I,		
	and the second section of the second								
Why do you need the bean	nline you ha	ve chosen? (limit :	: 100 words	)					
Describe the participants' results obtained. (If you re	previous ex fer to previo	perience with sync ous publications, b	chrotron rad e sure to inc	liation and the experime	ental s.) (limit : 100 v	words)			
Provide an overall estimate your proposed experiment How many shifts will you r	al program.	How many visits of	during the tv			t to need?			
(limit : 500 words)									
References (limit : 1000 ch	aracters)								
				102					
Back Pressing SAVE wil	l allow yo	u to save this p	roposal a	Generate nd continue to make		otification	s will not	be sent.	Next Save

Submit

Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter.



Back )

Search Criteria Instructions Logout Main Menu Experimenters Beamtime Request Samples Review Questions Abstract General Proposal: GUP-21919 List of Sample name and type of molecule must be entered if any other sample related data is to be saved. Samples Sample Name Type of molecule: OProtein ODNA ORNA OVirus OPrion OToxin OComplex of type Other. Crystal Size and Quality Safety Information Unit Cell Information \* **Bio Safety Level:** mm by mm by Space Group: mm A **Resolution Limit** alpha: Known a: Biohazard: beta: Mosaicity Degree b: c: gamma: **Experimental Needs** KeV Desired Energy: ○ Known ○ Unknown Crystal Cryo-Freezing Conditions: Structure Solution Strategy: MIR - elements MAD - elements Molecular Replacement High Resolution - Resolution Desired A Other ☐ Yale ☐ Hampton ☐ 1/8 inch or 3 mm pin ☐ Other Crystal mounting method and type of pins Please specify the funding source(s) for this sample: DOD (specify) DOE, Office of Basic Energy Sciences DOE, Office of Biological and Environmental Research DOE, Other (specify) Foreign (specify) ■ NASA ☐ Howard Hughes Medical Institute (HHMI) ☐ Industry ■ NSF Other U.S. Government Other (specify) USDA Specify Other: Add Another Sample

Generate Report

Save

Submit

Pressing SAVE will allow you to save this proposal and continue to make changes. Notifications will not be sent.

Pressing SUBMIT will save this proposal AND notifications will be sent to the APS. No changes can be made thereafter.



### General User Program - MC Review Sheet (GUP-21919)

#### avg:

Final Score:			0.00
Comments to spokesperson			
Total Used Beamtime Shifts			0
	Ra	ating Scale	
Quality Of Research	Impact Of Research	Need for Third Generation Synchrotron	Potential for Publication
<ul> <li>Highly Innovative and of great scientific importance (1)</li> </ul>	Revolutionary	• Essential(1)	<ul> <li>Very high in a leading scientific journal(1)</li> </ul>

- (2)Near cutting edge (3)
- Interesting (4)
- Not well-planned or not feasible (5)

· High quality and cutting edge

- Revolutionary
  - (1)
  - Significant (2)
  - Important (3)
  - Minimal (4)
  - Insignificant (5)

- Essential(1)
- Highly desirable for success of experiment(2)
- Beneficial (3)
- Not required (4).
- Need is not clear(5)

- scientific journal(1)
- · High in a leading scientific journal(2)
- · Strong in a non-leading scientific journal(3)
- Likely(4)
- Not Likely(5)

ANL